IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Lienhart, et al.

Application No. 10/749,989

Filed: 12/31/2003

For: Method And System For Synchronizing Platform Clocks In A Distributed Wireless Platform

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Examiner: Not yet assigned

Art Unit:

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commission of Patents, P.O. Box 1450, Alexandria, V.A. (223) 41450

on <u>10/5/04</u> Date

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION (FILING DATE GRANTED)

Sir:

In response to the Notice to File Missing parts of Application (Filing Date Granted) mailed May 5, 2004, please find enclosed:

- (1) a duly executed Declaration and Power of Attorney with respect to the above-referenced patent application;
- (2) Nine (9) sheets of replacement drawings in compliance with 37 CFR 1.84 and CFR 1.121;
- (3) a check in the amount of \$130.00 in payment of the surcharge of 37 C.F.R. § 1.16(e);
 - (4) a copy of the Notice to File Missing Parts of Application;

- (5) a Petition for three months extension of time under 37 C.F.R. §1.136(a); and
- (6) a check in the amount \$980.00 of in payment of the extension of time fee.

If any additional fee is required, please charge Deposit Account No. 02-2666. A duplicate of this Response is enclosed for deposit account charging purposes.

Respectfully submitted,

BLAKELY, SOKO COFF, JAYLOR & ZAFMAN LLP

Dated: 10/5/04

John P. Ward Reg No. 40,216

12400 Wilshire Blvd. Seventh Floor Los Angeles, CA 90025 (408) 720-8300



FEE TRANSMITTAL FOR FY 2005

(FY 2005 Begins 10/01/2004) TOTAL AMOUNT OF PAYMENT (\$) 1110.00 Complete if Known: Application No. 10/749,989 Filing Date 12/31/2003 First Named Inventor Lienhart, et al. Examiner Name _____ Art Unit Attorney Docket No. 42P1899 Applicant claims small entity status. See 37 CFR 1.27. METHOD OF PAYMENT (check all that apply) X Check Credit Card Money Order Other None _____ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: X The Director is Authorized to do the following with respect to the above-identified Deposit Account: Charge fee(s) indicated below. Credit any overpayments. Charge any additional fees during the pendency of this application. Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged. Charge fee(s) indicated below except for the filing fee. **FEE CALCULATION** 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Code (\$) Fee Paid Code (\$) Fee Description 1001 790 2001 395 Utility application filing fee Design application filing fee 1002 350 2002 175 1003 550 2003 275 Plant filing fee 1004 790 2004 395 Reissue filing fee 1005 2005 Provisional application filing fee 160 80 SUBTOTAL (1) \$ 0.00 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Extra Claims Fee Paid Total Claims - 20** = X \$18.00 X \$88.00 = Independent Claims _____ -- 3** == Multiple Dependent **Or number previously paid, if greater; For Reissues, see below. Large Entity **Small Entity** Fee Fee Fee Fee Code (\$) Code (\$) Fee Description 1202 18 2202 Claims in excess of 20 1201 88 2201 AA Independent claims in excess of 3 1203 300 Multiple dependent claim, if not paid 2203 150 1204 2204 **Reissue independent claims over original patent 88 44 1205 18 2205 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$ 0.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large (</u>		<u>Small E</u>			
Fee	Fee	Fee	Fee	m	
Code	(\$)	Code	(\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filling fee or oath	130.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	***************************************
1053	130	1053	130	Non-English specification	***************************************
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	**********
1813	8,800	1813	8,800	Request for inter parties reexamination	~~~~
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	980.00
1254	1,530	2254	765	Extension for reply within fourth month	***************************************
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	VARANCA ARABAN A
1451	1,510	1451	1,510	Petition to institute a public use proceeding	**************************************
1452	110	2452	55	Petition to revive - unavoidable	**************************************
1453	1,370	2453	685	Petition to revive - unintentional	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
1501	1,370	2501	685	Utility issue fee (or reissue)	***********************
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	***************************************
1460	130	1460	130	Petitions to the Commissioner	***************************************
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	***************************************
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per	
1000	***	~~~	SAF	property (times number of properties)	**************
1809	790	2809	395	For filing a submission after final rejection	
4044	440	0044	ges (m.	(see 37 CFR 1.129(a))	*********************
1814	110	2814	55	Statutory Disclaimer	reviewennennennennennenne
1810	790	2810	395	For each additional invention to be examined	
			***	(see 37 CFR 1.129(b))	000000000000000000000000000000000000000
1801	790	2801	395	Request for Continued Examination (RCE)	***************************************
1802	900	1802	900	Request for expedited examination of a design	
				application	***************************************
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	***************************************
1505	300	1505	300	Publication fee for republication	-nganananahāniananinhā
1803	130	1803	130	Request for voluntary publication or republication	**************************************
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals	
1454	1,370	1454	1,370	Acceptance of unintentionally delayed claim for priority	
Other fee (specify)					
nu	ma (mm==12=1				
Other fee (specify)					
SUBTOTAL (3) \$ 1110.00					
<u>[</u>					
SUBMITTED BY: Typed or Printed Name: John P. Ward					
Signature: Date: October 5, 2004					
Reg. N	lumber:	40,216		Telephone Number: 408-720-830	0
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United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERC United States Patent and Trudemark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandris, Vugnis 22313-1450 www.usplo.gov

APPLICATION NUMBER

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/749.989

LOS ANGELES, CA 90025

12/31/2003

Rainer W. Lienhart

42P18599

CONFIRMATION NO. 9974

FORMALITIES LETTER

OC000000012530281

Date Mailed: 05/05/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

BLAKELY SOKOLOFF TAYLOR & ZAFMAN

12400 WILSHIRE BOULEVARD, SEVENTH FLOOR

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 3,7,8.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

• \$130 Late oath or declaration Surcharge.

10/12/2004 DEMMANU1 00000060 10749989

01 FC:1051

130.00 DP

Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

 A new oath or declaration, identifying this application number is required. The oath or declaration does not comply with 37 CFR 1.63 in that it:

• does not identify the residence (e.g., city and either state or foreign country) of each inventor.

does not identify the complete mailing or post office address of each inventor.

does not identify the citizenship of each inventor.

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice <u>MUST</u> be returned with the reply.

Mehonen

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

OCT 0 8 2004

Blakely, Sokoloff, Taylor & Zafman LLP (408) 72 Title: Method And System For Synchronizing Platform Clocks In A Distributed Wireless Platform (408) 720-8300

1st Named Inventor: Lienhart, et al. Application No.: 10/749,989 Sheet 1 of 9

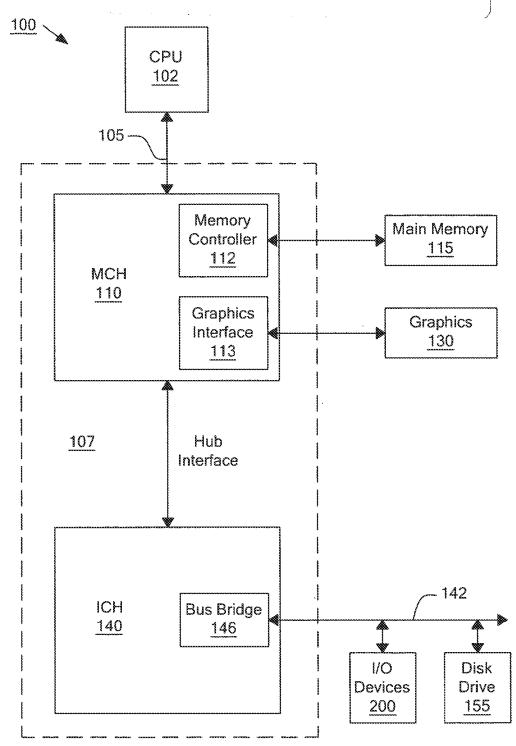
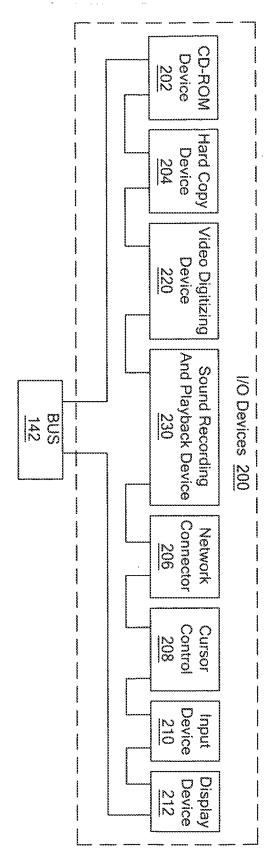


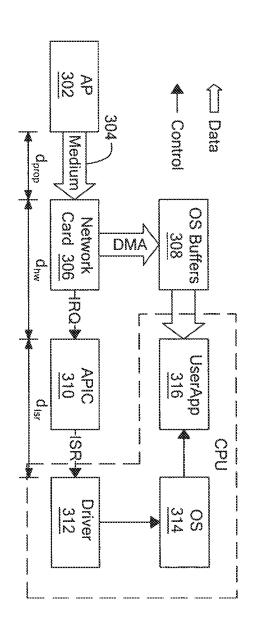
FIG. 1

Blakely, Sokoloff, Taylor & Zafman LLP (408) 720-8 Title: Method And System For Synchronizing Platform Clocks in A Distributed Wireless Platform (408) 720-8300

1st Named Inventor: Lienhart, et al. Application No.: 10/749,989 Sheet 2 of 9



Blakely, Sokoloff, Taylor & Zafman LLP (408) 72
Title: Method And System For Synchronizing Platform Clocks in A
Distributed Wireless Platform
1st Named Inventor: Lienhart, et al.
Application No.: 10/749,989
Sheet 3 of 9



Blakely, Sokoloff, Taylor & Zafman LLP (408) 720-8300 Title: Method And System For Synchronizing Platform Clocks In A Distributed Wireless Platform

1st Named Inventor: Lienhart, et al.

Application No.: 10/749,989

Sheet 4 of 9

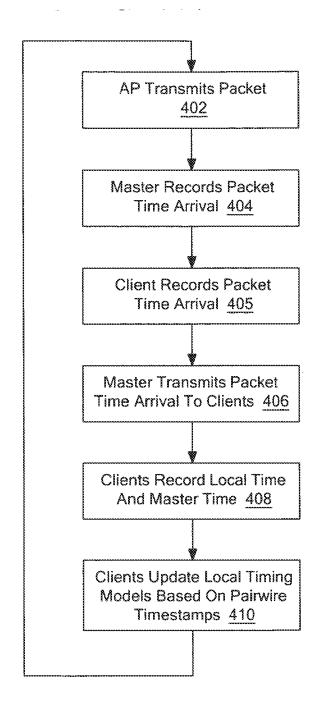
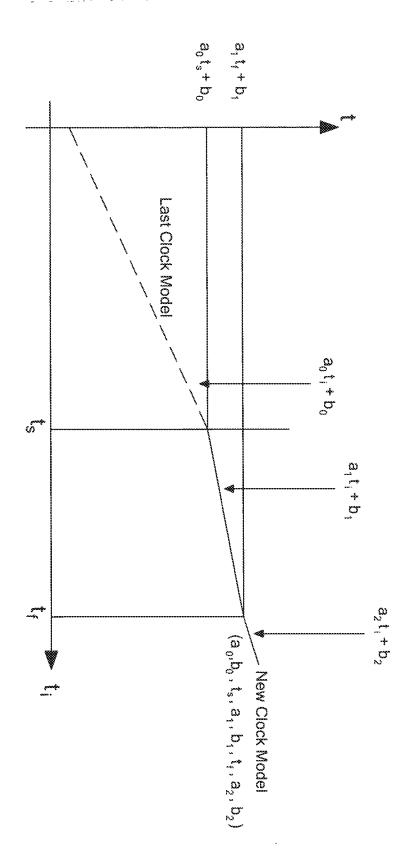
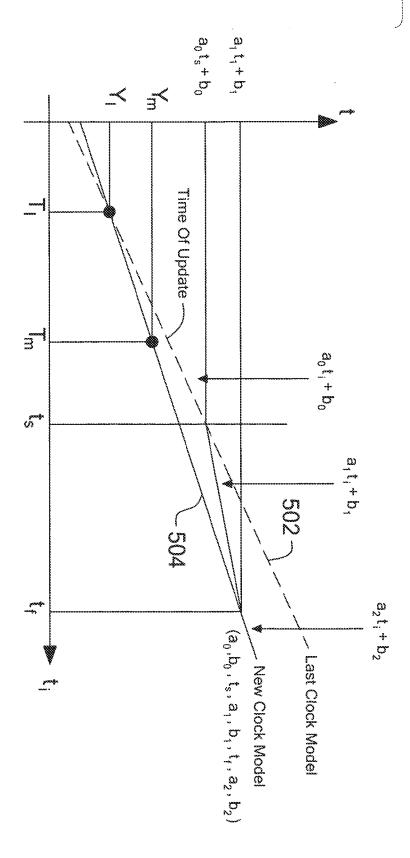


FIG. 4



1st Named Inventor: Lienhart, et al. Application No.: 10/749,989 Sheet 6 of 9



Blakely, Sokoloff, Taylor & Zafman LLP (408) 720-8300

Title: Method And System For Synchronizing Platform Clocks in A

Distributed Wireless Platform

1st Named Inventor: Lienhart, et al.

Application No.: 10/749,989 Sheet 7 of 9

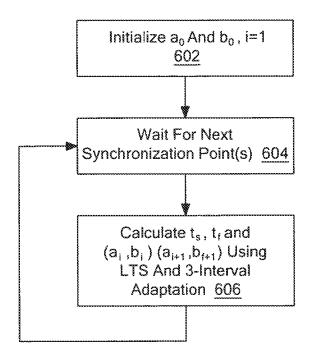


FIG. 6

Blakely, Sokoloff, Taylor & Zafman LLP (408) 720-8300 Title: Method And System For Synchronizing Platform Clocks In A Distributed Wireless Platform 1st Named Inventor: Lienhart, et al.

42390.P18599

Sheet 8 of 9

Application No.: 10/749,989

Driver Time Stamps DMA Transfers
And Calculates Number Of
Transmitted Samples 702

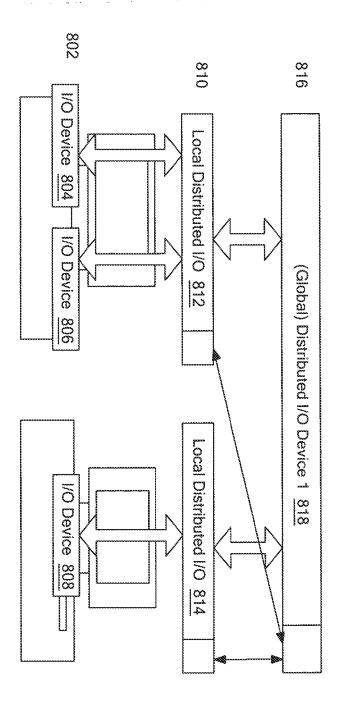
Number Of Transmitted Samples
And Corresponding Time Stamps
Placed In Shared Memory 704

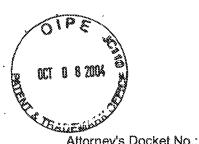
Driver Accesses Corresponding
Pairs Of Times Stamps And Sample
Numbers For Open Stream 706

A Correspondence Between A Sample Number And Global Clock Is Generated 708

FIG. 7

Blakely, Sokoloff, Taylor & Zafman LLP (408) 72
Title: Method And System For Synchronizing Platform Clocks In A
Distributed Wireless Platform
1⁸¹ Named Inventor: Lienhart, et al.
Application No.: 10/749,989
Sheet 9 of 9 (408) 720-8300





Attorney's Docket No.: 042390.P18599	<u>Patent</u>				
First Named Inventor: Rainer W. Lienhart					
Check One:	Complete If Known:				
Declaration Submitted with Initial Filing OR X Declaration Submitted After Initial Filing (Surcharge under 37 C.F.R. § 1.16(e) Required).	Application No.: 10/749,989 Filing Date: December 31, 2003 Art Unit: Examiner Name: Not Yet Assigned				
DECLARATION AND POWER OF ATTORN	EY FOR PATENT APPLICATION				
(FOR <u>INTEL CORPORATION</u> PA	TENT APPLICATION)				
As a below named inventor, I hereby declare that:					
My residence, mailing address, and citizenship are as sta	ted below next to my name.				
I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Method And System For Synchronizing Platform Clocks In A Distributed Wireless Platform					
the specification of which					
is attached hereto. X was filed on (MM/DD/YYYY) 12/31/2003 as United States Application Number 10/749,989 or PCT International Application Number and was amended on (MM/DD/YYYY) (if applicable)					

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)				Priority <u>Claimed?</u>		Certified Copy Attached?	
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No	
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No	
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No	

I hereby appoint the practitioners listed associated with the Customer Number listed below as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U. S. Patent and Trademark Office connected herewith.

Direct all correspondence to (check one):

<u> </u>	Customer Number or Bar C	ode Label <u>45209</u>	OR
	Correspondence Address I	Below:	

John P. Ward
(Name of Attorney or Agent)
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
Telephone: (408) 720-8300
Fax: (408) 720-8383

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/	/First inventor <u>Kainer W. Liennan</u>		TARICAL ARREST AND ARREST ARREST AND ARREST AND ARREST ARR
Inventor's Signatu	re <u>/C. L.o.Co./</u>	Date	7/23/2004
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(Veside) (Veside)	(City, State, Country)	CHECHON IN	(Country)
	(wing, winter, would by		(000010 4)
Mailing Address	2727 Forbes Ave.	TOOMAAAA OO	
•	Santa Clara, CA 95051	***************************************	
	વું જાજ		
Cull Name of Sec	ond/Joint Inventor Igor V. Kozintsev		

Inventor's Signatu	re Sgor Koziets	C Date Of	x/23/2604
.		and a second	***************************************
Residence San J	lose, CA, USA	Citizenship <u>Russia</u>	(Country)
	(City, State, Country)	p.1	(Country)
accabb A mailink &	1012 Anna Priva		
iviaiiii ig Audi ess	4913 Anna Drive San Jose, CA 95124		**************************************
	10 20 20 40 40 40 50 50 50 50 50 50 50 50 50 50 50 50 50		www.www.compagagagagagagagagagagagagagagagagagagag
Full Name of Third	t/Joint Inventor <u>Dmitry N. Budnikov</u>		**************************************
Incontacts Clausets		C.nto	
inventor's Signatu	re	vate	NATIONAL PROPERTY OF THE CONTRACT OF THE CONTR
Residence Nizhr	ny Novgorod, Russia	Citizenshin Russia	•
AKKERIAKKAKAK	(City, State, Country)	CHEKKER OF CAPE 1 CO. C.	(Country)
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Mailing Address	3 Piskunova str., apt. 54	CTREATER TO THE TRANSPORT OF THE TRANSPO	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Nizhny Novgorod 603005 Russia	***************************************	······································
Euli Nama of Cour	th/Joint Inventor Igor V. Chikalov		
run name or rour	THAOTHE HAGHOL TOOL AT CHINGINA	**************************************	······································
Inventor's Signatu	re	Date	**************************************
Residence Nizhr	ny Novgorod, Russia	Citizenship <u>Russia</u>	2000001/1000010000100001000000000000000
	(City, State, Country)		(Country)

Full Name of Sole/First Inventor Rainer W. Lienhart

INTEL/BSTZ

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Residence <u>Santa</u>	Clara, CA, USA (City, State, Country)	Citizenship <u>Germany</u> (Country)
Mailing Address	2727 Forbes Ave. Santa Clara, CA 95051	
Full Name of Seco	nd/Joint Inventor <u>Igor V. Közintsev</u>	
Inventor's Signatur	***************************************	Date
		Citizenship Russia (Country)
Mailing Address	4913 Anna Drive San Jose, CA 95124	
	VJoint Inventor <u>Omitry N. Budnikov</u>	
Inventor's Signatu	Commission of the state of the	Date July '23 2004
Residence <u>Nizhn</u>	y Novgorod, Russia (City, State, Country)	Citizenship Russia (Country)
Mailing Address	3 Piskunova str., apt. 54 Nizhny Novgorod 603005 Russia	
Full Name of Four	th/Joint Inventor Igor V. Chikalov	
Inventor's Signatu	re <i>444</i>	Date <u>July 23, 200</u> 4
		Citizenship _Russia (Country)
Mailing Address	30 Turgeney Street Nizhny Novgorod 603005 Russia	

INTEL/BSTZ

Full Name of Fifth/Joint Inventor <u>Sergey A. Egorychev</u>	***************************************
Inventor's Signature	Date July, 30 200 y
· • • • • • • • • • • • • • • • • • • •	hip <u>Russia</u> (Country)
Mailing Address 58, Tereshkovoi st. apt. 85 Dzerzhinsk (Nizhny Novgorod) 606029 Russia	***************************************
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Lienhart, et al.

Application No. 10/749,989

Filed: 12/31/2003

For: Method And System For Synchronizing Platform Clocks In A Distributed Wireless

Platform

Examiner: Not yet assigned

Art Unit:

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner Patents, P.O. Box

1450, Alexandria, Y

on <u>10/5/04</u> Date

Commissioner for Patents Washington, D.C. 20231

PETITION FOR EXTENSION OF TIME PURSUANT TO 37 C.F.R. § 1.136 (a)

Sir/Madam:

Applicants respectfully request a three month extension of time in which to respond to the May 5, 2004 Notice to File Missing Parts for which a two month shortened statutory response period expiring on July 5, 2004 was set. The extended period expires on October 5, 2004.

A check for \$980.00 is enclosed to cover the fee for a three month extension of time. If any additional fee is required, please charge Deposit Account No. 02-2666. A duplicate of this Petition is enclosed for deposit account charging purposes.

Respectfully submitted,

BLAKERY SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: October 5, 2004

12400 Wilshire Blvd. Seventh Floor Los Angeles, CA 90025

(408) 720-8300

John/P. Ward

Registration No. 40,216

10/12/2004 DENMANUI 00000060 10749989

02 FC:1253

980.00 OP